

RAW SEQUENCE LISTING

The Biotechnology Systems Branch of the Scientific and Technical Information Center (STIC) no errors detected.

Application Serial Number: 101540;390A
Source: JFCWP
Date Processed by STIC: 10/20/06

ENTERED



IFWP

RAW SEQUENCE LISTING
PATENT APPLICATION: US/10/540,390A

DATE: 10/20/2006
TIME: 14:46:59

Input Set : A:\23558019.APP
Output Set: N:\CRF4\10202006\J540390A.raw

(pg.6)

3 <110> APPLICANT: BAEELL, JONATHAN
4 HUANG, DAVID
5 SMITH, BRIAN J.
6 STREET, IAN P.
8 <120> TITLE OF INVENTION: PEPTIDES AND THERAPEUTIC USES THEREOF
10 <130> FILE REFERENCE: 23558-019
12 <140> CURRENT APPLICATION NUMBER: 10/540,390A
13 <141> CURRENT FILING DATE: 2005-06-23
15 <150> PRIOR APPLICATION NUMBER: PCT/AU03/01724
16 <151> PRIOR FILING DATE: 2003-12-24
18 <150> PRIOR APPLICATION NUMBER: AU 2002953561
19 <151> PRIOR FILING DATE: 2002-12-24
21 <160> NUMBER OF SEQ ID NOS: 70
23 <170> SOFTWARE: PatentIn Ver. 3.3
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26 <211> LENGTH: 8
27 <212> TYPE: PRT
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36 <222> LOCATION: (1)
37 <223> OTHER INFORMATION: Hydrophobic amino acid
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41 <222> LOCATION: (2)..(3)
42 <223> OTHER INFORMATION: Variable amino acid
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45 <221> NAME/KEY: MOD_RES
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47 <223> OTHER INFORMATION: Hydrophobic amino acid
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51 <222> LOCATION: (5)
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55 <221> NAME/KEY: MOD_RES
56 <222> LOCATION: (6)
57 <223> OTHER INFORMATION: Negatively charged amino acid
59 <220> FEATURE:
60 <221> NAME/KEY: MOD_RES

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Input Set : A:\23558019.APP
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62 <223> OTHER INFORMATION: Variable amino acid
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69 <220> FEATURE:
70 <223> OTHER INFORMATION: see specification as filed for detailed description
71 of substitutions and preferred embodiments
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75 1 5
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94 <222> LOCATION: (2)
95 <223> OTHER INFORMATION: Small amino acid
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105 <223> OTHER INFORMATION: Hydrophobic amino acid
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162 <222> LOCATION: (2)
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177 <222> LOCATION: (6)..(7)
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182 <222> LOCATION: (8)
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186 <223> OTHER INFORMATION: see specification as filed for detailed description

RAW SEQUENCE LISTING

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187 of substitutions and preferred embodiments
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203 <220> FEATURE:
204 <221> NAME/KEY: MOD_RES
205 <222> LOCATION: (1)
206 <223> OTHER INFORMATION: Variable amino acid and its side chain is linked
207 to position 8 by a linker
209 <220> FEATURE:
210 <221> NAME/KEY: MOD_RES
211 <222> LOCATION: (2)
212 <223> OTHER INFORMATION: Hydrophobic amino acid
214 <220> FEATURE:
215 <221> NAME/KEY: MOD_RES
216 <222> LOCATION: (3)
217 <223> OTHER INFORMATION: Small amino acid
219 <220> FEATURE:
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221 <222> LOCATION: (4)..(5)
222 <223> OTHER INFORMATION: Variable amino acid
224 <220> FEATURE:
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232 <223> OTHER INFORMATION: Variable amino acid
234 <220> FEATURE:
235 <221> NAME/KEY: MOD_RES
236 <222> LOCATION: (8)
237 <223> OTHER INFORMATION: Variable amino acid and its side chain is linked
238 to position 1 by a linker
240 <220> FEATURE:
241 <221> NAME/KEY: MOD_RES
242 <222> LOCATION: (9)
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245 <220> FEATURE:
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247 of substitutions and preferred embodiments
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RAW SEQUENCE LISTING DATE: 10/20/2006
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Input Set : A:\23558019.APP
Output Set: N:\CRF4\10202006\J540390A.raw

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261 formula peptide m=1
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264 <221> NAME/KEY: MOD_RES
265 <222> LOCATION: (1)
266 <223> OTHER INFORMATION: Variable amino acid and its side chain is linked
267 to position 8 by a linker
269 <220> FEATURE:
270 <221> NAME/KEY: MOD_RES
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272 <223> OTHER INFORMATION: Hydrophobic amino acid
274 <220> FEATURE:
275 <221> NAME/KEY: MOD_RES
276 <222> LOCATION: (3)
277 <223> OTHER INFORMATION: Small amino acid
279 <220> FEATURE:
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281 <222> LOCATION: (4)..(5)
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286 <222> LOCATION: (6)
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289 <220> FEATURE:
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291 <222> LOCATION: (7)
292 <223> OTHER INFORMATION: Variable amino acid
294 <220> FEATURE:
295 <221> NAME/KEY: MOD_RES
296 <222> LOCATION: (8)
297 <223> OTHER INFORMATION: Variable amino acid and its side chain is linked
298 to position 1 by a linker
300 <220> FEATURE:
301 <221> NAME/KEY: MOD_RES
302 <222> LOCATION: (9)
303 <223> OTHER INFORMATION: Hydrophobic amino acid
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308 <223> OTHER INFORMATION: Small amino acid
310 <220> FEATURE:
311 <221> NAME/KEY: MOD_RES

RAW SEQUENCE LISTING ERROR SUMMARY
PATENT APPLICATION: US/10/540,390A

DATE: 10/20/2006
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Input Set : A:\23558019.APP
Output Set: N:\CRF4\10202006\J540390A.raw

Please Note:

Use of n and/or Xaa have been detected in the Sequence Listing. Please review the Sequence Listing to ensure that a corresponding explanation is presented in the <220> to <223> fields of each sequence which presents at least one n or Xaa.

Seq#:1; Xaa Pos. 1,2,3,4,5,6,7,8
Seq#:2; Xaa Pos. 1,2,3,4,5,6,7,8,9,10,11,12
Seq#:3; Xaa Pos. 1,2,3,4,5,6,7,8
Seq#:4; Xaa Pos. 1,2,3,4,5,6,7,8,9
Seq#:5; Xaa Pos. 1,2,3,4,5,6,7,8,9,10,11,12,13
Seq#:6; Xaa Pos. 1,2,3,4,5,6,7,8,9,10
Seq#:7; Xaa Pos. 1,2,3,4,5,6,7,8,9,10,11,12,13,14
Seq#:8; Xaa Pos. 1,2,3,4,5,6,7,8,9
Seq#:9; Xaa Pos. 1,2,3,4,5,6,7,8,9,10,11,12
Seq#:10; Xaa Pos. 1,2,3,4,5,6,7,8,9
Seq#:11; Xaa Pos. 1,2,3,4,5,6,7,8,9,10,11,12,13
Seq#:12; Xaa Pos. 1,2,3,4,5,6,7,8,9,10
Seq#:13; Xaa Pos. 1,2,3,4,5,6,7,8,9,10,11,12,13,14
Seq#:14; Xaa Pos. 1,2,3,4,5,6,7,8,9
Seq#:15; Xaa Pos. 1,8
Seq#:16; Xaa Pos. 4,11
Seq#:17; Xaa Pos. 4,11
Seq#:18; Xaa Pos. 4,11
Seq#:19; Xaa Pos. 5,12
Seq#:20; Xaa Pos. 4,11
Seq#:21; Xaa Pos. 4,11
Seq#:22; Xaa Pos. 4,11
Seq#:23; Xaa Pos. 4,11
Seq#:24; Xaa Pos. 2,4,11
Seq#:25; Xaa Pos. 4,11
Seq#:26; Xaa Pos. 4,11
Seq#:27; Xaa Pos. 4,11
Seq#:28; Xaa Pos. 4,11
Seq#:29; Xaa Pos. 4,11
Seq#:30; Xaa Pos. 4,11
Seq#:31; Xaa Pos. 4,11
Seq#:32; Xaa Pos. 4,11
Seq#:33; Xaa Pos. 1,8
Seq#:34; Xaa Pos. 4,11
Seq#:35; Xaa Pos. 4,11
Seq#:36; Xaa Pos. 4,11
Seq#:64; Xaa Pos. 8,9

VERIFICATION SUMMARY
PATENT APPLICATION: US/10/540,390A

DATE: 10/20/2006
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Input Set : A:\23558019.APP
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L:142 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:2 after pos.:0
L:190 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:3 after pos.:0
L:250 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:4 after pos.:0
L:330 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:5 after pos.:0
L:395 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:6 after pos.:0
L:480 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:7 after pos.:0
L:540 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:8 after pos.:0
L:615 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:9 after pos.:0
L:680 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:10 after pos.:0
L:760 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:11 after pos.:0
L:830 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:12 after pos.:0
L:915 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:13 after pos.:0
L:975 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:14 after pos.:0
L:1005 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:15 after pos.:0
L:1035 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:16 after pos.:0
L:1065 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:17 after pos.:0
L:1095 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:18 after pos.:0
L:1125 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:19 after pos.:0
L:1155 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:20 after pos.:0
L:1185 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:21 after pos.:0
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L:1245 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:23 after pos.:0
L:1280 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:24 after pos.:0
L:1310 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:25 after pos.:0
L:1340 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:26 after pos.:0
L:1370 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:27 after pos.:0
L:1400 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:28 after pos.:0
L:1430 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:29 after pos.:0
L:1460 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:30 after pos.:0
L:1490 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:31 after pos.:0
L:1520 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:32 after pos.:0
L:1550 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:33 after pos.:0
L:1580 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:34 after pos.:0
L:1610 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:35 after pos.:0
L:1640 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:36 after pos.:0
L:2127 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:64 after pos.:0